1. (currently amended) A method of managing downlink radio resources for the pooling of multiple amplifier resources between sectors of a cell, the method comprising the steps:

receiving downlink power information for each sector of the cell;

filtering the downlink power information to determine a plurality of different duration power requirements for different radio resource management decisions for a sector, using a different time-dependent filter for each power requirement to account for the different duration power requirements;

scaling the received downlink power information for each sector of the cell, in response to the different duration power requirements for different radio resource management decisions, such that a more heavily loaded sector will be allocated more power than a less heavily loaded sector, using time-dependent scaling; and

making different downlink radio resource management decisions on the basis of the different duration power requirements, where a new call will have a duration of time over a threshold, and scaled downlink power information such that a more heavily loaded sector will be allocated additional power shared from other sector's amplifiers than would be available from that single sector's amplifier.

2. (previously presented) The method as claimed in claim 1 further comprising a step of determining available downlink power and using the available downlink power information in the step of determining a downlink power allocation.

3. (original) The method as claimed in claim 2 wherein the available downlink power is determined using information relating to overload control alarms.

4. (previously presented) The method as claimed in claim 2 wherein the determination of a downlink power allocation depends on a comparison of the downlink power information and the available downlink power information.

5.   (canceled).

6.   (previously presented) The method as claimed in claim 1 wherein the steps of scaling and filtering of the downlink power information is performed for at least one cell in a multi-cell base site.

7.   (canceled).

8.   (previously presented) The method as claimed in claim 1 wherein the filtering of the downlink power information includes averaging the power information over different lengths of times.

9.   (previously presented) The method as claimed in claim 8 wherein the averaging is performed over different lengths of time for different radio resource management decisions.

10. (canceled).

11. (currently amended) An apparatus for managing downlink radio resources for the pooling of multiple amplifier resources between sectors of a cell, comprising:

means for filtering received downlink power information to determine a plurality of different duration power requirements for different radio resource management decisions for a sector using a different time-dependent filter for each power requirement to account for the different duration power requirements;

means for scaling received downlink power information for each sector of the cell, in response to the different duration power requirements for different radio resource management decisions, such that a more heavily loaded sector will be allocated more power than a less heavily loaded sector, using time-dependent scaling; and

means for making different downlink radio resource management decisions on the basis of the different duration power requirements, where a new call will have a duration of time over a threshold, and scaled downlink power information such that a more heavily loaded sector will be allocated additional power shared from other sector's amplifiers than would be available from that single sector's amplifier.

12. (previously presented) The apparatus as claimed in claim 11 wherein the means for modifying received downlink power information is a power scaling module and a multi-bandwidth filter.

13. (previously presented) The apparatus as claimed in claim 11 wherein the means for making a downlink radio resource management decision on the basis of the modified downlink power information is a radio resource management module.

14. (canceled).